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February 10, 2005

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station, 2nd Floor
Boston, Massachusetts 02110

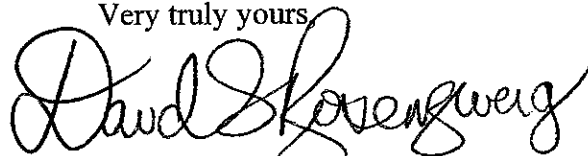
Re: NSTAR Electric/Biogen Agreement, D.T.E. 05-EC-1

Dear Secretary Cottrell:

Enclosed for filing in the above-referenced matter are the responses of NSTAR Electric to the information requests set forth on the accompanying list.

Thank you for your attention to this matter.

Very truly yours,



David S. Rosenzweig

Enclosures

cc:

Shaela McNulty Collins, Hearing Officer
Colleen McConnell, Esq.

Responses to Information Requests

Information Request AG-1-1

Information Request AG-1-2

Information Request AG-1-3

Information Request AG-1-4

Information Request AG-1-5

Information Request AG-1-6

Information Request AG-1-1

Will Biogen's supplemental electricity requirements be provided by a competitive supplier or will Biogen rely on the Company's Default Service? If Default Service, will the Company procure the service for Biogen separately or will the Company's large C&I Default Service supplier be expected to factor the Biogen swings into its bid? If the latter, please provide any estimates the Company has of the premium that will be reflected in Default Service rates for any Biogen related risk?

Response

It is Biogen's decision whether to take competitive supply or Default Service. As of the date of this response, NSTAR has not been informed of Biogen's choice (the customer is currently purchasing competitive supply service). If Biogen takes Default Service, NSTAR will not procure this service separately, but will bundle the requirement with other large C&I load. The Default Service supplier will be required to take the Biogen swings into account when pricing Default Service together with the risk that any and all customers load can migrate to competitive supply.

Information Request AG-1-2

Please describe, in detail, all distribution and transmission system upgrades and expansions that are required to accommodate the Biogen facilities. Include the cost of each element and identify which party, the Company or Biogen, is responsible for the cost.

Response

Please refer to Attachment 3 of the Interconnection Service Agreement (Exhibit A) to the contract. The exhibit lists the costs and the parties responsible for payment for all of the upgrades required to accommodate the Biogen facilities.

Information Request AG-1-3

If any aspect of the Biogen project is related to the need for the Kendall RMR, please provide the details of the relationship. Include the estimated cost of the Kendall RMR and provide the portion of the cost that will be born by Biogen.

Response

The Biogen project is completely unrelated to the Kendall RMR contract.

Information Request AG-1-4

Refer to Exhibit C. Please provide the original cost, in-service date, and the accumulated depreciation for each item of property being sold to Biogen. Also, identify, by FERC account number and description, each item of property.

Response

Please refer to the table below:

In-Service Date	FERC Acct No.	Item	Cost
Dec-1996	362	Install Switchgear	\$2,523
Dec-1990	362	Install Transformer	\$1,089
Dec-1996	362	Install Transformer Enclosure	\$3,759
Dec-1995	362	Switchgear	\$24,567
Dec-1989	362	Transformer 3000 KVA	\$40,137
Total			\$77,608
Accumulated Depreciation			\$31,257
Net Book Value			\$46,351

Information Request AG-1-5

Refer to Exhibit B, attached Exhibit A. Please explain what the column heading Account No.'s refers to in Item 3. Why is "BIO 7" account number labeled "Third Party?"

Response

Exhibit A is an historical document that Biogen submitted to NSTAR in November 2003 to provide notice to NSTAR of its intent to interconnect its proposed QF facility to NSTAR's system. The column labeled "Account No." lists the various NSTAR account numbers for service to Biogen at the listed addresses. BIO 7 is billed to Boston Properties, a third-party property management firm which administers the account for Biogen Idec. At each of these customer locations, Biogen is the only electricity user. A corrected version of Exhibit A, which properly references Cambridge Electric Light Company (instead of Boston Edison Company) and provides the account number for the "Third Party", is appended hereto as Attachment AG-1-5.

Exhibit A

NOTICE OF INTENT TO INTERCONNECT A QUALIFYING FACILITY OR ON-SITE GENERATING FACILITY TO CAMBRIDGE ELECTRIC LIGHT COMPANY'S DISTRIBUTION SYSTEM

1. Date of Application November 10, 2003
2. Name of Applicant Biogen Idec MA Inc.
3. Account Number(s):

Building	Address	Account No.'s
"BIO 1"	241 Binney Street	1568-736-0022 1189-679-0026 {190 5 th St.}
"BIO 2"	14 Cambridge Center	1149-931-0024
"BIO 6"	12 Cambridge Center	1605-064-0016
"BIO 7"	10 Cambridge Center	1149-882-0023
"BIO 8"	15 Cambridge Center	1659-141-0010

4. Address: 14 Cambridge Center, Cambridge, MA 02142
5. Phone / Fax (617) 679-2885 / (617) 679-3599
6. Location of Facility 12 Cambridge Center, Cambridge, MA 02142
7. Service Entrance Size 600 Amp Voltage 13.8kV Phase 3
Wire 500 MCM / 700 MCM (number & size)
8. Point of Delivery 15kV Customer Station – 12 Cambridge Center
(if other than normal service entrance equipment)
9. Brief Description of Facility (including voltage level of delivery)
Nominal 5 MW natural gas, combined cycle co-generation facility interconnected
via a new 15kV customer station {See NSTAR WR # 1360663}.

10. Check One X Qualified Facility
 _____ On-Site Generation Facility

11. Primary Fuel Source Natural Gas
12. Maximum Net Energy per hour 5,140 kW / 11,886 Btu/kWhr – OEM Guarantee
13. Owners Biogen Idec MA Inc.
14. % Ownership by Electric Utility / Public Utility Holding Company 0%
15. Start Date of Construction June 1, 2004
16. Anticipated On-Line Date September 1, 2005
17. Description of power conditioning equipment located between Facility and the
Utility's System
2 – Line 15 kV Interconnection Switchgear with associated protection relays.
18. Description of Type of Generation (Synchronous, Induction, Photovoltaic, etc)
Synchronous
19. Will back-up power be required? Yes X No _____
If yes, indicate demand (kW) level desired 4,300 kW
20. Contract Type X Surplus Energy Sale
 _____ Net Energy Sale
 _____ No Energy Sale

DESCRIPTION OF FACILITY

21. Type of Equipment

The Facility includes one (1) - 5,140 kW rated gas turbine generator set fired primarily with natural gas with low sulfur #2 oil as a backup fuel. The exhaust gas from the gas turbine operates a heat recovery steam generator generating 28,000 lbs per hour of 140 psig saturated steam. The steam powers one (1) absorption chillers for comfort cooling of Biogen Idec's facilities. Additional steam is used for comfort heating and process uses. Balance of plant components including backup boilers, pumps, cooling tower, automation, and emissions controls.

22. Number of Generator(s) one (1)
23. Generator Size(s) 6,625 kVA
24. Generator Voltage 13.8 kV
25. Generator Manufacturer Ideal Electric
26. Prime Mover Manufacturer Solar Turbines
27. Description of Operation of Generator (Cycle – including on/off method) Generator is a base load resource operating in parallel with the grid.
28. Power supplied in 1 Hour with Auxiliary Loads Deducted
4,076 kWh / hr. {4,300kW * (94.8%)*1hr.}
29. Estimated Annual kWh Generator Output
36,537,960 kWh's {4,300kW * 8,760 hrs. * 97% Availability}
30. Estimated Annual Thermal Displaced 327,000 MMBtu's
31. Thermal Displaced (use & amount)
process applications (114,000 MMBtu), for space heating (171,000 MMBtu), and comfort cooling through an absorption chiller (42,000 MMBtu).

Information Request AG-1-6

Please provide the estimated monthly revenue by rate element for the Biogen campus. Include all supporting documentation, workpapers and assumptions.

Response

Please refer to Attachment AG-1-6, which provides typical monthly bill calculations in accordance with the provisions of the contract. The customer's monthly electricity use assuming cogeneration is estimated based on actual usage in calendar year 2004. The Company has assumed two outage occurrences of 30 days duration (Month 4 and Month 10) for the generation unit in order to estimate an annual usage pattern for this customer.¹

¹ Because the customer is currently purchasing a competitive electricity supply, Attachment AG-1-6 does not identify any energy supply revenues.

Cambridge Electric Light Company															
BIOGEN ANALYSIS															
Standby Billing - 1/1/2005 Rates															
Quantity	Price	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total	
Element															
Standby															
- Customer	\$ 90.00	1	1	1	1	1	1	1	1	1	1	1	1	12	
- Demand(CD)															
---- First 100	-	100	100	100	100	100	100	100	100	100	100	100	100	1,200	
---- Over 100	\$ 1.25	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	52,800	
Supplemental															
- Customer	-	1	1	1	1	1	1	1	1	1	1	1	1	12	
- Distribution															
---- All kVA	\$ 1.47	290	0	732	704	1,547	2,505	3,911	3,739	4,166	3,922	1,860	808	24,182	
- Transmission															
---- First 100	\$ 323.00	100	0	100	100	100	100	100	100	100	100	100	100	1,100	
---- Over 100	\$ 6.18	190	0	632	5,104	1,447	2,405	3,811	3,639	4,066	3,822	1,760	708	1,100	
- Transition															
---- First 100	\$ 121.87	100	0	100	100	100	100	100	100	100	100	100	100	1,100	
---- Over 100	\$ 1.22	190	0	632	5,104	1,447	2,405	3,811	3,639	4,066	3,822	1,760	708	1,100	
Pension Adj.	\$ 0.00122	107,694	0	272,118	2,997,960	575,335	901,836	1,454,855	1,390,834	1,499,580	4,074,240	669,600	300,502	14,244,553	
Energy Efficiency	\$ 0.00250	107,694	0	272,118	2,997,960	575,335	901,836	1,454,855	1,390,834	1,499,580	4,074,240	669,600	300,502	14,244,553	
Renewables	\$ 0.00050	107,694	0	272,118	2,997,960	575,335	901,836	1,454,855	1,390,834	1,499,580	4,074,240	669,600	300,502	14,244,553	
Competitive Sup	\$ -	107,694	0	272,118	2,997,960	575,335	901,836	1,454,855	1,390,834	1,499,580	4,074,240	669,600	300,502	14,244,553	
Total Energy		2,908,760	2,686,200	2,883,600	2,997,960	3,027,120	3,408,960	4,064,160	4,650,720	4,422,960	4,074,240	3,552,120	3,273,240	41,948,040	
Total Demand		4,790	4,295	5,232	5,204	6,047	7,005	8,411	8,239	8,666	8,422	6,360	5,308	77,976	
Generation - kW		4,500	4,295	4,500	0	4,500	4,500	4,500	4,500	4,500	0	4,500	4,500	44,795	
Generation - kWh		2,799,066	2,686,200	2,611,482	0	2,451,785	2,507,124	2,609,305	3,259,886	2,923,380	0	2,882,520	2,972,738	27,703,487	
Contract Demand		4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	54,000	
Assumptions	Contract demand of 4,500 kVA; 2 outages of one month duration for scheduled and unscheduled outage.														

Cambridge Electric Light Company														
BIOMEN ANALYSIS														
Standby Billing - 1/1/2005 Rates														
Revenue Element	Price	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total
Standby	\$ 90.00	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 90	\$ 1,080
- Customer Demand(CD)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
First 100	\$ 1.25	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 66,000
Over 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Supplemental	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
- Customer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
- Distribution	\$ 1.47	\$ 426	\$ -	\$ 1,075	\$ 1,035	\$ 2,274	\$ 3,682	\$ 5,749	\$ 5,496	\$ 6,123	\$ 5,765	\$ 2,734	\$ 1,187	\$ 35,547
- Transmission	\$ 323.00	\$ 323	\$ 323	\$ 323	\$ 323	\$ 323	\$ 323	\$ 323	\$ 323	\$ 323	\$ 323	\$ 323	\$ 323	\$ 3,876
First 100	\$ 6.18	\$ 1,171	\$ -	\$ 3,903	\$ 31,543	\$ 8,940	\$ 14,864	\$ 23,551	\$ 22,488	\$ 25,125	\$ 51,430	\$ 10,877	\$ 4,374	\$ 198,266
Over 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
- Transition	\$ 121.87	\$ 122	\$ 122	\$ 122	\$ 122	\$ 122	\$ 122	\$ 122	\$ 122	\$ 122	\$ 122	\$ 122	\$ 122	\$ 1,462
First 100	\$ 1.22	\$ 231	\$ -	\$ 770	\$ 6,227	\$ 1,765	\$ 2,934	\$ 4,649	\$ 4,439	\$ 4,960	\$ 10,153	\$ 2,147	\$ 864	\$ 39,140
Over 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pension Adj.	\$ 0.00122	\$ 131	\$ -	\$ 332	\$ 3,658	\$ 702	\$ 1,100	\$ 1,775	\$ 1,697	\$ 1,829	\$ 4,971	\$ 817	\$ 367	\$ 17,378
Energy Efficiency	\$ 0.00250	\$ 269	\$ -	\$ 680	\$ 7,495	\$ 1,438	\$ 2,255	\$ 3,637	\$ 3,477	\$ 3,749	\$ 10,186	\$ 1,674	\$ 751	\$ 35,611
Renewables	\$ 0.00050	\$ 54	\$ -	\$ 136	\$ 1,499	\$ 288	\$ 451	\$ 727	\$ 695	\$ 750	\$ 2,037	\$ 335	\$ 150	\$ 7,122
Competitive Sup	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 8,317	\$ 6,035	\$ 12,932	\$ 57,492	\$ 21,441	\$ 31,321	\$ 46,124	\$ 44,327	\$ 48,571	\$ 90,576	\$ 24,619	\$ 13,728	\$ 405,483	